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Oxidation With Water and Water Vapor of the Iron
Catalysts Used for Synthesis of Organic Compounds
From Carbon Monoxide and Hydrogen, by A. Ya.
Rozovskiy, A. N. Bashkirov, et al., 7 pp.

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Amination of Butyl Alcohol over Iron
Catalysts in Presence of Hydrogen Under
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A. N. BASHKIROV

Oxidation of olefins in the liquid phase in the presence of
boric acid

Doklady Akad. Nauk SSSR, 128, No. 6, 1175-1178 (1959)

ATS-16M39R, \$ 6.00 - English

E u r a t o m

Exxon Research & Engineering Company
Exxon Corporation of Research, Inc.
Exxon Chemical Company

RUE 131, 13th Floor, Malaysian Highway Area,
No 7, Jalan 13/11A, Kuala Lumpur.

CSTRO

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Effect of the Reactant Structures and
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Aliphatic Alcohols with Polymers Anhydrides,
by G. A. Klinger, A. N. Bushkinov,
Doklady Akad. Nauk SSSR, Vol. 150,
1962, pp. 326-329.
SLA T2-65-10232

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Bashkirov, A. N., Shalikhutdinov, E. M., and
Gilyarowskaya, L. A.
LIQUID-PHASE OXIDATION OF MONOMETHYL SUB-
STITUTED PARAFFIN HYDROCARBONS IN THE
PRESENCE OF BORIC ACID. [1963] 6p 9refs
Order from OTS, SLA, or ETC \$1.10 TT-64-10706

Trans. of Akad[emiya] Nauk SSSR. Dokl[ady] 1963,
v. 148 (no. 6) p. 1309-1311. (Abstract available)

DESCRIPTORS: *Alkanes, Hydrocarbons, Liquids,
*Oxidation, *Alcohols, Synthesis (Chemistry), *Boric
acid, Esterification.

Oxidation of 2-Me-dodecane and of 8-Me-pentadecane
was carried out with N-O₂ mixture (containing
3.0 - 3.5% O₂), under atmospheric pressure, at
163 - 170°, and for a duration of 3-4 hrs. To prevent
oxidation beyond the alcohol stage, H₃BO₃ was added
(Chemistry--Organic, TT, v. II, no. 9) (over)

TT-64-10706

1. Title: 2-Methyl dodecanols
2. Title: 8-Methyl pentadecanols
- I. Bashkirov, A. N.
- II. Shalikhutdinov, E. M.
- III. Gilyarowskaya, L. A.

Office of Technical Services

Bashkirov, A. N. and Karavaev, N. M.
A NEW METHOD OF ISOLATION OF STYRENE
FROM CRUDE BENZOL. [1961] 6p. 24 refs.
Order from OTS or SLA \$1.10 61-18188

Condensed trans. of Akademiya Nauk SSSR. Odelenie
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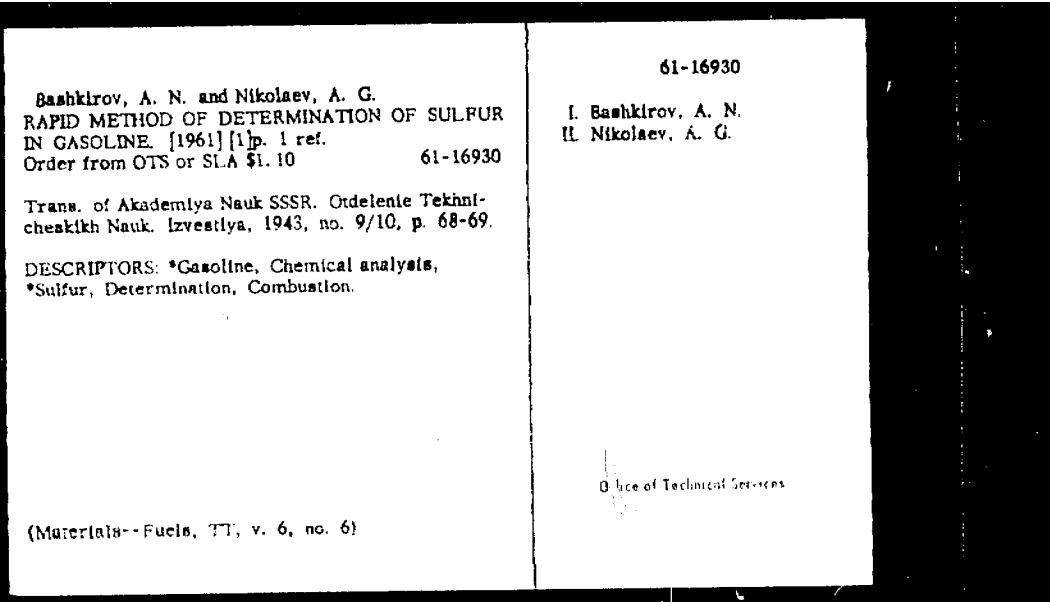
DESCRIPTORS: *Styrenes, Separation, Chlorination,
Chlorides, Benzene.

A method of isolation of styrene is proposed, which is
said to have passed the laboratory stage of study. It
consists in treating the fraction 135-150° of crude
benzol with a 15 per cent solution of sodium hydroxide
and then with a per cent sulfuric acid. The product, free
of phenols and basic compounds, is then chlorinated,
and since dichlorostyrene boils at 233-234°, it can
easily be separated from the xylenes by distillation,
after which dichlorostyrene is dechlorinated at 173
with bog iron ore, reduced at 500-550° with hydrogen
or other reducing gases. The yield of dichlorostyrene
(Chemistry--Organic, TT, v. 6, no. 6) (over)

61-18188

I. Bashkirov, A. N.
II. Karavaev, N. M.

Office of Technical Services



<p>Bashkirov, A. N., Kamzolkina, Ye. V., and Kagan, Yu. B. CATALYSTS IN THE DECOMPOSITION OF CARBON MONOXIDE. [1961] 4p. 1 ref. DSIR Trans. NT771; M. 2388. Order from OTS or SLA \$1.10 61-15501 Trans. of Nauchnye Doklady Vysshey Shkoly. Khimika Khimicheskaya Tekhnologiya (USSR) 1959, no. 1, p. 162-165. DESCRIPTORS: *Carbon compounds, *Monoxides, Decomposition, *Catalysts. (Chemistry--Physical, TT, v. 6, no. 2)</p>	<p>61-15501 I. Bashkirov, A. N. II. Kamzolkina, Ye. V. III. Kagan, Yu. B. IV. DSIR NT-771 V. DSIR LLU M. 2388 VI. Department of Scientific and Industrial Research (Gt. Brit.) Office of Technical Services</p>	
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A. N. Bashkirov, L. G. Liberov, 6 pp.

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Reaction Kinetics of Carbon Monoxide in the Presence
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Synthesis of Higher Ketones by Liquid-Phase Oxidation
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Composition of Alcohols Formed by Liquid
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The Mechanism of Synthesis of Hydrocarbons From
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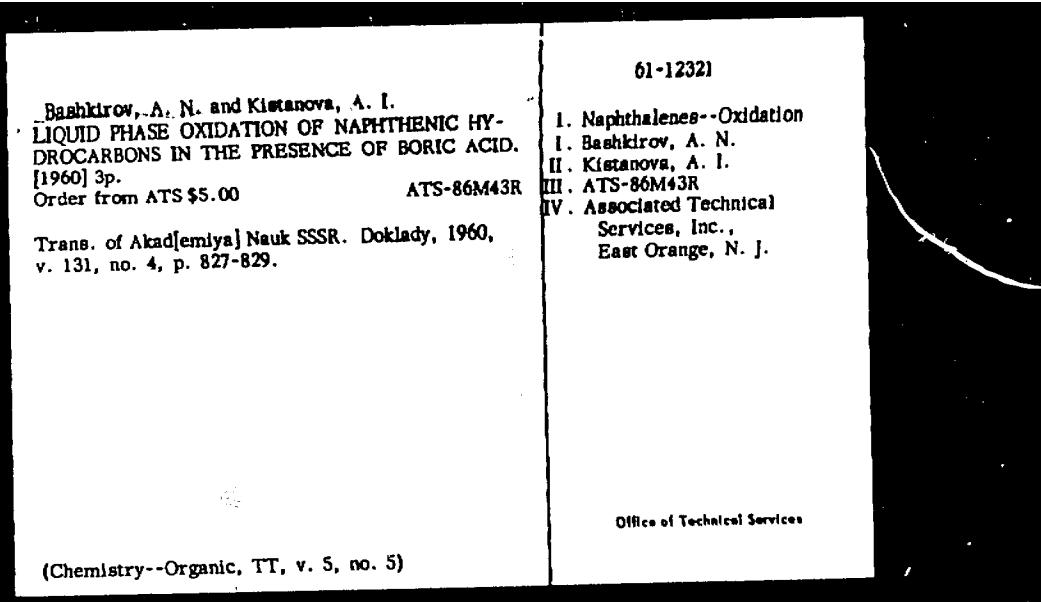
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The Reaction of Organic Sulfur Compounds With a
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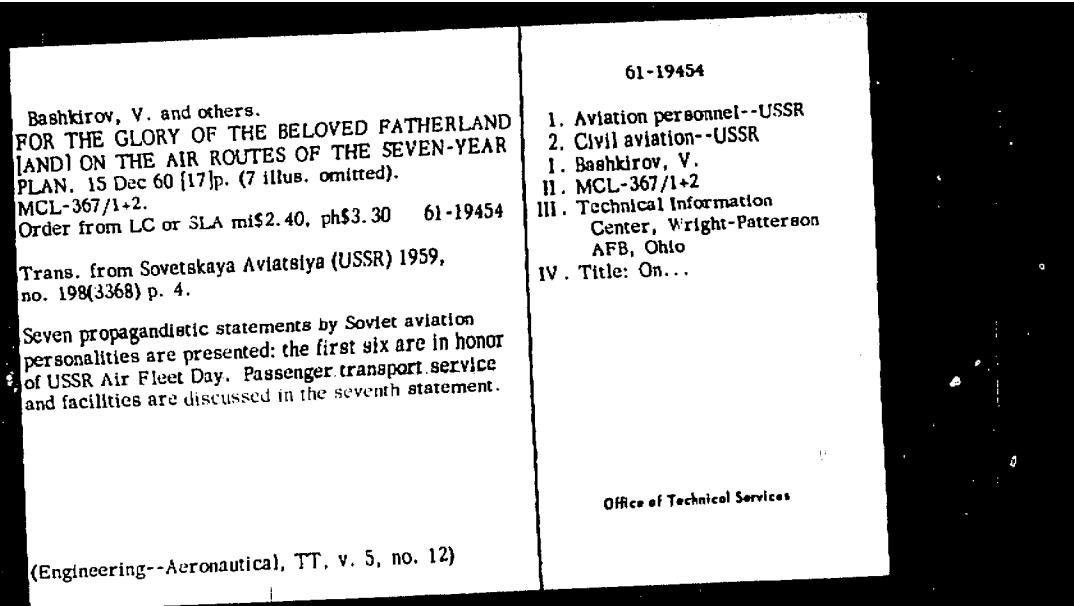
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Order from OTS or SLA \$1.60

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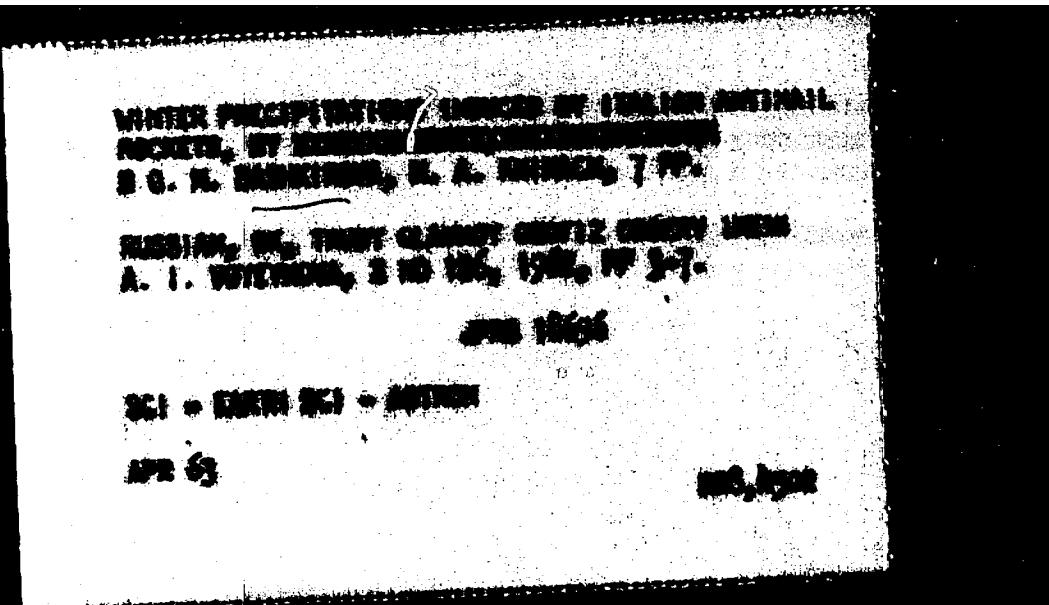
DESCRIPTORS: *Ice, *Fog, *Ice fog, *Artificial
precipitation, iron compounds, Silicon compounds,
Zinc compounds, Dioxides, Oxides, Sulfides,
Crystallization.

(Earth Sciences--Frost TT, v. 6, no. 4)

61-14923

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Office of Technical Services



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Sci - Geophysics
Aug 58

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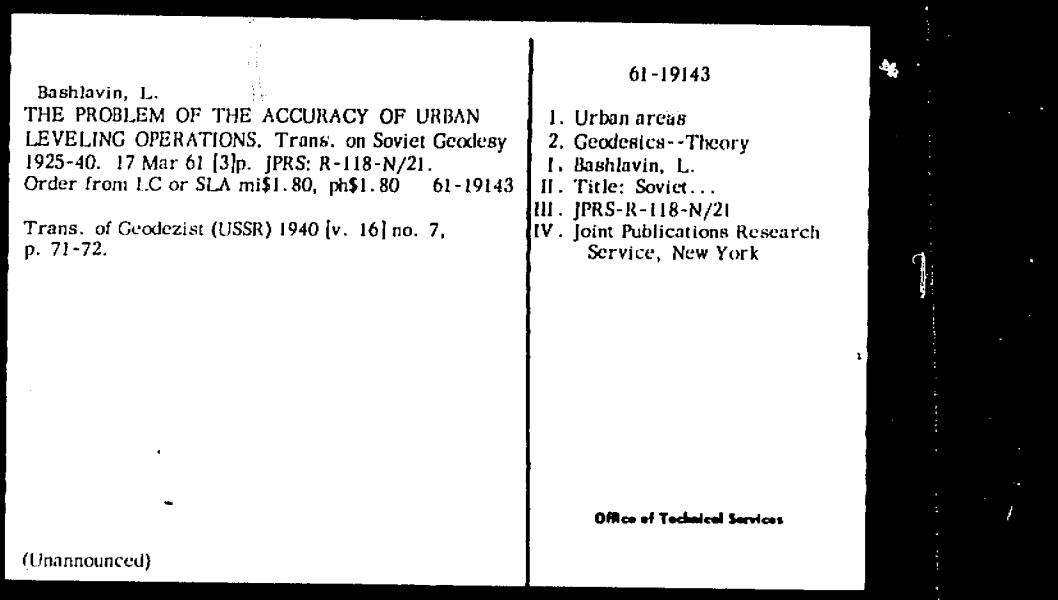
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